

PTO/SB/21 (09-04)

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TRANSMITTAL
FORM

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Total Number of Pages in This Submission

Application Number

09/448,175

Filing Date

November 24, 1999

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First Named Inventor

Hanna S-H Hsu, et al.

Art Unit

2634

Examiner Name

Odom, Curtis B.

JUL 25 2005

Attorney Docket Number

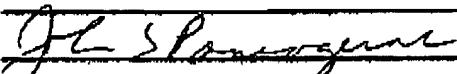
12-0887

ENCLOSURES (Check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
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Patent Application Fee Determination Record
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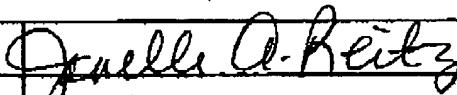
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Katten Muchin Rosenman LLP		
Signature			
Printed name	John S. Panaghas		
Date	July 25, 2005	Reg. No.	31,051

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7-25-05

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PTO/SB/17 (12-04v2)

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Effective on 12/08/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818)

FEE TRANSMITTAL
For FY 2005 Applicant claim - small entity status. See 37 CFR 1.27TOTAL AMOUNT OF PAYMENT (\$)
\$450.00

Complete If Known

Application Number	09/448,175
Filing Date	November 24, 1999
First Named Inventor	Hanna S-H Hsu, et al.
Examiner Name	Odorn, Curtis B.
Art Unit	2634
Attorney Docket No	12-0887

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FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fee Paid (\$)
	Small Entity	Fee (\$)	Small Entity	Fee (\$)	Small Entity	Fee (\$)	
Utility	300	150	500	250	200	100	_____
Design	200	100	100	50	130	65	_____
Plant	200	100	300	150	160	80	_____
Reissue	300	150	500	250	600	300	_____
Provisional	200	100	0	0	0	0	_____

2. EXCESS CLAIM FEES

Fee Description

Each claim over 20 (including Reissues)	Fee (\$)	Fee (\$)
20	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
- 20 c. MP =	x	=	

MP = highest number of total claims paid for, if greater than 20.

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
- 3 or i.P =	x	=	

MP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 =	/ 50 =	(round up to a whole number) x	=	

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)	Fee Paid (\$)
Other (e.g., late filing surcharge): Payment for Extension of Time (2-month)	\$450.00

SUBMITTED BY

Signature	John S. Panagakos	Registration No. 31,051 (Attorney/Agent)	Telephone (312) 902-6200
Name (Print/Type)	John S. Panagakos		Date 7-25-05

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John S. Paniagua	32347		
Phone	Fax		
312.902.5312	312.577.4532		

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 If you do not receive all of the pages, please call: 312.902.5312

15 pages

Comments

RE: Patent Application No.: 09/448,175
 Filing Date: November 21, 1999
 Inventor: Hanna S-H Hsu, et al.
 Title: Polyphase Filter with Stack Shift Capability
 Confirmation No.: 4745
 Please file the attached:
 Transmittal Form (1 p.)
 Fee Transmittal Form (1 p.)
 Amendment (6 pp.)
 Patent Application Fee Determination Record (1 p.)
 Petition for Extension of Time (1 p.) - in duplicate

Change of Correspondence (1 p.)

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PAGE 1/15 * RCVD AT 7/25/2005 4:53:12 PM [Eastern Daylight Time] * SVR:USPTO-EXRF-6/33 * DNIS:2738300 * CSID:3129021061 * DURATION (mm:ss):04:58

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JUL 25 2005PATENT
Attorney Docket No. 12-0887

IN THE U.S. PATENT AND TRADEMARK OFFICE

Application No.: 09/448,175)
 Filing Date November 24, 1999)
 Inventor(s): Hanna S-H Hsu, et al.)
 Group Art Unit: 2634)
 Examiner Name: Odom, Curtis B.)
 Customer No.: 27160)
 Title: POI YPHASE FILTER WITH)
 STACK SHIFT CAPABILITY)
 Confirmation No.: 4745)

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 Alexandria, VA 22313-1450

AMENDMENT

Sir:

In response to the Official Action mailed on February 23, 2005, please amend the above-identified application as follows.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 5 of this paper.

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